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It will be noted that plague is definitely worse than last week. As usual, Mandvi is the ward worst affected, and the Jains the race suffering most.

Mortality in Bombay during first half of year 1904.

I transmit herewith a table which will serve as a study of the deaths in Bombay during the first half of 1904, by races and classes. There are two figures given in each week's record by races and classes. The first, marked "P. D.," gives the plague deaths for the week, and the second, marked "T. D.," gives the total deaths.

For convenience in study I have grouped the races under nine headings: 1, Hindus, including all the castes; 2, Mohammedans, including the Khojas; 3, Parsis; 4 native Christians, both Roman Catholic and Protestant; 5, Jains, to whom fuller reference is made below; 6, Jews, including the Beni-Israelites, or those who come of mixed Hebrew and Hindu stock; 7, Eurasians; 8, Europeans; 9, others, including negro Africans, Buddhists, and other and unknown castes.

Under each column I have given the population of that particular race or caste, the total population of Bombay City being 776,006.

The totals for plague deaths and total deaths for the six months are given at the bottom, and still below them two sets of death rates—the first set of figures giving the death rates by caste, based on the total population of the city, the second set giving the death rates based on the population of the given race or caste.

Several striking facts are to be observed—

1. That the Europeans have the lowest death rate in the city from plague, relatively to their numbers; also that their total death rate, relatively to their numbers, is lower (18.98 per mille per annum) than that of any other race in the city.
2. That the Parsis, the cleanest of the native races, have the next lowest relative death rate from plague.
3. That the Jains have by far the highest death rate from plague as well as from all causes combined. In my letter of July 22 I called attention to the fact that the Jains, a race akin to the Hindoos, and yet distinct from them, are worshippers of life in every form. They can not take the life of any creature, be it bug, insect, venomous reptile, or any other living thing. Investigations have shown that ants, which abound in the homes of the Jains because of the food provided artificially for them, are capable of conveying plague. The Jains have been from the beginning worse affected than any other race; and the present study shows that plague has been harder on them than on those of other races during 1904. Further, the ratio of plague deaths to total deaths is higher among the Jains than among the other races, as might be expected from the fact that animal life is perhaps more concerned in the transmission of plague than of any of the other devastating diseases. I shall try to make a further study of the liability of the Jains to diseases other than plague.

Race or caste		Hindus.	Mohammedans.	Parsis.	Native Christians.	Jains.	Jews.	Eurasians.	Europeans.	Others.
Population.....		568,699	155,121	46,231	29,645	14,248	5,357	3,258	12,273	1,174
Week of—		P.D.	T.D.	P.D.	T.D.	P.D.	T.D.	P.D.	T.D.	P.D.
Jan.	5.....	97	472	20	172	2	22	6	25	3
	12.....	150	481	21	138	2	18	12	30	2
	19.....	156	437	15	186	5	25	14	43	1
	26.....	170	502	38	183	6	29	17	25	1
Feb.	2.....	297	632	56	193	5	27	22	37	4
	9.....	310	646	78	194	5	27	6	22	1
	16.....	319	738	10	294	7	26	7	30	4
	23.....	489	817	167	341	12	28	16	40	1
Mar.	1.....	530	941	171	333	13	37	15	38	5
	8.....	711	1,073	338	170	17	36	21	43	4
	15.....	645	996	167	327	19	35	14	44	7
	22.....	637	984	113	305	10	28	10	41	8
	29.....	732	1,084	143	269	20	42	17	34	5
Apr.	5.....	846	1,206	170	364	18	42	28	59	8
	12.....	622	943	168	249	13	26	21	45	4
	19.....	486	818	81	223	11	36	13	42	6
	26.....	407	717	79	219	4	23	9	37	5
May	3.....	362	672	68	214	7	27	13	33	3
	10.....	256	550	38	177	4	25	10	43	4
	17.....	190	473	25	148	1	19	7	27	1
	24.....	128	433	22	154	1	31	5	19	1
	31.....	91	371	12	157	1	26	1	19	4
June	7.....	63	336	12	117	1	21	2	19	1
	14.....	51	331	6	118	14	14	1	20	5
	21.....	41	316	10	133	17	17	1	15	1
	28.....	34	331	5	113	22	1	20	8	3
Totals.....		8,917	17,313	1,917	5,577	178	721	252	785	641
										1,170
										36
										109
										14
										72
										9
										102
										5
										31

DEATH RATES PER MILLE PER ANNUM.

Of total population	22.98	44.62	4.94	14.37	0.45	1.85	0.64	2.02	1.65	0.09
Of given race	35.05	24.71	7.70	17.0	89.97	3.01	13.44

0.08

8.51

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